

Date: Tue, 26 Oct 93 23:41:51 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1271
To: Info-Hams

Info-Hams Digest Tue, 26 Oct 93 Volume 93 : Issue 1271

Today's Topics:

 BAUD VS BAUDS
Daily Solar Geophysical Data Broadcast for 26 October
GAY INTERNATIONAL HAM RADIO CLUB
German new Zip Codes(?) QSLing and Greenstamps
ICF 2010 - Reception Probl.in CA - Help needed !
 need qsl route
 Postal rates
 questionable repeater operation
random selection of memory TS-450/690
SAREX Keps & Update: 10/26/93
Ten Tec PTO mechanics
VSWR Conversion chart
Where is thenet08.zip and tn210.zip?
Yaesu FT-990 Comments...
ZA1QA - Anyone Get a QSL??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Oct 1993 22:07:08 GMT
From: meaddata!dem@uunet.uu.net
Subject: BAUD VS BAUDS
To: info-hams@ucsd.edu

Matthew B Cravit <cravitma@pacific.uucp> writes:

cravitma> As I have always used it (as a computer person soon to hopefully be a

cravitma> technician-class ham), I have always said "baud" as a synonym for
cravitma> "bps" or bits-per-second.

[Personal Pet Peeve Mode ON]

"Baud" != "Bits Per Second" for many current modem modulation
protocols, including V.32 (9600 bps, 2400 baud) and V.32bis (14400
bps, 2400 baud). Baud as a term has pretty much ceased to be useful.

Since this is The Net, I know someone will correct me if I'm wrong,
but I believe the "baud rate" is the rate at which the amplitude of a
signal is changed. Newer protocols also vary the phase of the signal,
in order to convey more information with each amplitude change.

I don't know where "bauds" came from. It's just not used in the
computer industry, as far as I can tell. I've only ever seen it in
ARRL publications.

cravitma> 73 de MC (no callsign, since no license)

Well, for goodness sake, get that fixed!!! :-) :-) :-)

KD2MT

--

David Myers	"You guys listen to managers	(513) 865-1343
Mead Data Central	much too often."	Fabrication Systems
P.O. Box 933	My manager	dem@meaddata.com
Dayton, Ohio 45401	28 2/5/93	7 ab259@dayton.wright.edu

Date: 27 Oct 93 03:22:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 26 October
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 299, 10/26/93
10.7 FLUX=088.5 90-AVG=094 SSN=067 BKI=2032 2544 BAI=017
BGND-XRAY=B1.2 FLU1=1.2E+06 FLU10=9.3E+03 PKI=2132 2434 PAI=014
BOU-DEV=017,004,025,011,012,071,042,055 DEV-AVG=029 NT SWF=00:000
XRAY-MAX= C5.9 @ 0045UT XRAY-MIN= B1.0 @ 2348UT XRAY-AVG= B2.2
NEUTN-MAX= +000% @ 2335UT NEUTN-MIN= -006% @ 0410UT NEUTN-AVG= -2.2%
PCA-MAX= +0.1DB @ 1345UT PCA-MIN= -0.5DB @ 0125UT PCA-AVG= -0.0DB
BOUTF-MAX=55362NT @ 1906UT BOUTF-MIN=55321NT @ 1658UT BOUTF-AVG=55351NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+075,+000,+000
GOES6-MAX=P:+146NT@ 1909UT GOES6-MIN=N:-067NT@ 1153UT G6-AVG=+091,+017,-039

FLUXFCST=STD:090,090,090;SESC:090,090,090 BAI/PAI-FCST=025,015,010/030,035,030
KFCST=3224 3233 3224 2111 27DAY-AP=015,012 27DAY-KP=1134 4433 3433 2123
WARNINGS=
ALERTS=**SWEEP:II=3@0048-0057UTC
!!END-DATA!!

NOTE: The Effective Sunspot Number for 25 OCT 93 is not available.
The Full Kp Indices for 25 OCT 93 are not available.

Date: 26 Oct 1993 14:20:00 GMT
From: elroy.jpl.nasa.gov!sdd.hp.com!caen!nic.umass.edu!noc.near.net!
jericho.mc.com!fugu!levine@ames.arpa
Subject: GAY INTERNATIONAL HAM RADIO CLUB
To: info-hams@ucsd.edu

In article 1tF@netcom.com, dbledsoe@netcom.com (Donnelly R. Bledsoe) writes:

>Doug Faunt N6TQS 510-655-8604 (faunt@netcom3.Netcom.COM) wrote:
>: I asked George Wilson, W4OYI, the president of ARRL about this at a
>: small forum with him at Pacificon, with Chris Imlay, the ARRL General
>: Counsel present, about this, this weekend.
>: He said that the only reason the ad is not currently in QST is that
>: LARC has not resubmitted the ad since the Board explicitly stated the
>: policy that would result in the ad being accepted and printed.
>: Apparently the complaint is still active in CT. If the ARRL has made
>: this movement towards conciliation, why hasn't LARC responded, by
>: placing the ad, and dropping the complaint?
>: curious,
>: 73, doug
>
>Doug,
>
>The problem here is that the complaint is about discrimination, not ad
>placement. The ARRL refuses to address the issue in the complaint and to
>engage in any dialogue that will lead toward resolution, instead sticking
>to "the ad is acceptable" line of reasoning. Here's why, as nearly as I
>can understand ... by saying that LARC's ad is acceptable, they believe
>that LARC's complaint is no longer valid and that it is moot. Our counsel
>has been informed by the state investigator that the complaint is not
>moot. LARC believes that to go ahead and run the advertising without
>resolution of the underlying issue will undermine its own complaint. So,
>until the ARRL will discuss the real issue of discrimination, the issue of
>advertising cannot be resolved. LARC is ready and willing to discuss it
>and to seek an amicable resolution. And yes, the complaint is still
>active in CT.
>
>Thank you for your comments. 73 ... Don, WB6LYI

>--

> Don Bledsoe, WB6LYI dbledsoe@netcom.com
>

Don,

As an ARRL Member, I can understand the refusal to accept an ad that is written in an offensive manner to anyone with normal moral standards. However, if the ad was tasteful and didn't mention anything such as crude sexual behaviour, than it is probably ok.

Can you reprint the EXACT wording of the ad?

Also I would much rather see the ARRL spending my membership money on Amateur Radio related matters. Would you please just get on with re-submitting the ad (a tasteful version if it wasn't before) so the net can once again be filled with no-code debates or Radio Shack HT mod questions?

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-----FTAC

Bob Levine KD1GG 7J1AIS VK2GYN
levine@mc.com (508) 256-1300 x247
kd1gg@wa1phy.ma FAX (508) 256-3599

Date: Tue, 26 Oct 1993 04:09:24 GMT
From: netcon!bongo!julian@locus.ucla.edu
Subject: German new Zip Codes(?) QSLing and Greenstamps
To: info-hams@ucsd.edu

In article <9310251547.AA16418@NADC.NADC.NAVY.MIL> skitch@nadc.navy.mil (M. Squicciarini) writes:

>

>I just read in WorldRadio that Germany just revamped its
>zip code system there by making all the address in the
>callbook incorrect.

I wonder how many years it will take before Buckmaster have

all the D calls listed with the new postal codes?

Anyone want to open a book on this one?

Other than that, I am sure the German Bundespost will be able to deliver mail addressed to obsolete post codes. They may punish you by delaying it for a while though.

--

.sig file has been packed away for the move - it's in there with the manuals

Date: 26 Oct 93 19:30:44 GMT

From: sdd.hp.com!vixen.cso.uiuc.edu!uxh.cso.uiuc.edu!irvine@hplabs.hpl.hp.com

Subject: ICF 2010 - Reception Probl.in CA - Help needed !

To: info-hams@ucsd.edu

In article <2ajnop\$kre@gap.cco.caltech.edu> dputnick@cco.caltech.edu (Donald R. Putnick) writes:

>In article <CFGrJE.E2H@corwin.barra.com>,

>Lalith Subramanian <lalith@barra.com> wrote:

>

>Welcome to California, the great shortwave wasteland in the West!

>I also own a Sony 2010 and live in California (Los Angeles area).

>I've experienced the same reception problems. I've tried a variety of

>antennas: longwire (with and without antenna tuner), trap dipole,

>active antenna. I keep coming back to my indoor 48-foot dipole made

>from split speaker cable and merely draped around my listening room.

>I don't even consider trying to receive anything below 5MHz - too much

>noise. I have a friend in our local SWL club who routinely listens to

>African stations, but he uses a tabletop and an outdoor antenna.

>I have resigned myself to (1) my opinion that the 2010 can't handle much

>of an external antenna, and (2) my opinion that to successfully DX from

>California requires a _tabletop_ and a _quality_ outdoor antenna. I would

>love to be proven wrong.

I think this could be said for DXing in general. California is an especially hard for picking stuff up (though in the Rockies there are some especially varied conditions so you all can feel lucky!), but they have the best window on Asia. Europe is dicey except for the big guns (BBC et al).

But my point is that for serious DXing only a tabletop will do.

--

+-----+
| Brent Irvine | CREDO QVIA ABSVRDVM EST | :) :) :) | b-irvine@uiuc.edu |
+-----+

Date: Tue, 26 Oct 1993 13:21:57 GMT
From: dog.ee.lbl.gov!agate!spool.mu.edu!nigel.msen.com!caen!usenet.cis.ufl.edu!
usenet.ufl.edu!mailer.cc.fsu.edu!freenet2.scri.fsu.edu!kd4kw@network.ucsd.edu
Subject: need qsl route
To: info-hams@ucsd.edu

if you can help me with the fallowing please advise
sd7sm
jn1how
z30b or z3ob
4o9w
z32fk

Date: 26 Oct 1993 21:09:38 GMT
From: drt@athena.mit.edu
Subject: Postal rates
To: info-hams@ucsd.edu

In article <9310261539.AA16618@NADC.NADC.NAVY.MIL> skitch@nadc.navy.mil (M.
Squicciarini) writes:

I would like to assemble a comprehensive table of postal
rates from around the world and compile that information
along with the exchange rates. I will post the information
so everyone can use it.

73 -- marty -- nr3z skitch@nadc.navy.mil

But why? How am I going to buy those stamps unless I go abroad ...
in which case the rates are easily available?

Seems like much work for no benefit to me. Why not save yourself
the time?

-drt
--

David R. Tucker KG2S 8P9CL drt@mit.edu
'Most political sermons teach the congregation nothing except
what newspapers are taken at the Rectory.' -C.S. Lewis

Date: 27 Oct 93 04:51:20 GMT
From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!agate!
iat.holonet.net!bwilkins@network.ucsd.edu
Subject: questionable repeater operation
To: info-hams@ucsd.edu

wejones@cbda7.apgea.army.mil (Bill Jones) writes:

: About a year ago I was traveling in the northeast, and a friend who lives
:
: repeater has been "broadcasting" for about a year all the qso's on the
: 220 side of the system over the 440 output, but no input has been possible
: through the 440 input. I presume that the repeater owner had the capability
: of opening up the 440 link for his own use, but other than that, I can't
: imagine why anyone would do such a thing. I don't think there is anything
: illegal about this operation, especially in light of how little 440 is used,
: but it's kind of annoying to hear all this activity, and hear the beeps
: from bringing up the repeater, but not being able to get in.
: Doesn't seem like a very appropriate use of spectrum to me. Any comments?
:

In California where the 440 spectrum is probably used more than any other
vhf band, the activity of remoting one-way onto a 440 repeater frequency
is called warehousing the channel. If there is NO receiver the operation
is quite questionable. Many times there may be a dead receiver or
touch-tone access will bring it alive. The major amateur private common
carriers all practice this to some extent to keep itinerant traffic to a
minimum. The idea of warehousing is to show some form of activity on a
frequency to keep some deserving group from using the frequency. Many
groups have five to ten repeaters amongst them and can't possibly keep it
all going so you see a lot of out there.

--

Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@cave.org packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: 26 Oct 1993 23:03:02 GMT
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!
europa.eng.gtefsd.com!howland.reston.ans.net!spool.mu.edu!wupost!crcnis1.unl.edu!
unlinfo.unl.edu!mcduffie@network.ucsd.
Subject: random selection of memory TS-450/690
To: info-hams@ucsd.edu

derry@NeXTwork.Rose-Hulman.Edu writes:

>Howdy:

>I don't remember if I've asked this before. SRI

>Does anyone know how to randomly select a particular memory on the
>TS-450/690?

>I would like to enter a memory location on the keypad and access it
>without going to MEM mode and having to sequentially step, one at a time,
>to the desired memory.

>Darn! You can do it on a TS-440.

>tnx es 73 de Jack, K9CUN

This has been a sore spot for a good friend who is blind. It seems
ridiculous not to have access from the keypad. If you come up with any
fix for this, please post it with a prominent subject entry or email
me.

73,

Gary McDuffie, Sr. // ---o-----\./-----o---
Scottsbluff, Nebraska \\ // ag0n@unl.edu ---o----/|\-----o---
AG0N@AG0N.#WNE.NE.USA.NA \X/ _____|

Date: 27 Oct 93 03:17:18 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Keps & Update: 10/26/93
To: info-hams@ucsd.edu

SB SAREX @ AMSAT \$STS-58.024
SAREX Keps & Update: 10/26/93

The extremely successful school group contacts have cleared three school
group backup passes for possible general QSO opportunities. While the
SAREX Working Group cannot fully guarantee availability, there is a high
probability that the STS-58 crew will be ready and waiting to take general
calls over the continental U.S. on these passes. These opportunities
include passes on orbit 145 at MET 9 days 0 hours 6 minutes (10/27 at
14:59 UTC), orbit 178 at MET 11 days 1 hour 42 minutes (10/29 at 16:35 UTC)
and orbit 192 at MET 11 days 22 hours and 29 minutes (10/30 at 13:22 UTC).

School group highlights today include two horizon-to-horizon opportunities
for the Lycee Gaston Febus school in Pau, France, where 15 questions were

answered, and the St. Barnabas Episcopal School in Houston, Texas where 12 questions were answered. During the French contact, one student asked Shuttle pilot Rick Searfoss, KC5CKM, if the crew could see satellites from space. Rick explained that indeed they could. He stated that during this mission they have had visual sightings of the Russian Space Station MIR and NASA's Gamma Ray Observatory. The Gamma Ray Observatory was built by TRW for the NASA Goddard Space Flight Center and was lofted into orbit on the STS-37 mission. (STS-37 was the first mission with an entire crew of ham radio operators--Ken Cameron, Jay Apt, Linda Godwin, Steve Nagel & Jerry Ross).

Hams across the U.S. and around the world have been working the Shuttle Columbia on both voice and packet. This morning's voice pass over the U.S. had both Bill McArthur, KC5ACR and Marty Fettman, KC5AXA, firing off callsigns in classic DX pileup style. General QSO operations thus far can be summed up with one word---outstanding. The SAREX team wishes all of you the best of luck in your endeavor to work the shuttle.

Gil Carman of the Johnson Space Center compared a recent state vector to element set GSFC-025 and found only a two second difference. Therefore, there will be no new SAREX element set released today. GSFC-025, generated by Ron Parise, WA4SIR is provided below for those who did not receive it yesterday.

STS-58

```
1 22869U 93065A   93298.61712570 0.00112657  77536-5  20892-3 0   259
2 22869  39.0200  82.4277 0014476  28.5134 331.6466 16.00068904  1136
```

Satellite: STS-58

Catalog number: 22869

Epoch time: 93298.61712570 (25 OCT 93 14:48:39.66 UTC)

Element set: GSFC-025

Inclination: 39.0200 deg

RA of node: 82.4277 deg Space Shuttle Flight STS-58

Eccentricity: 0.0014476 Keplerian Elements

Arg of perigee: 28.5134 deg

Mean anomaly: 331.6466 deg

Mean motion: 16.00068904 rev/day Semi-major Axis: 6652.3600 Km

Decay rate: 0.11E-02 rev/day*2 Apogee Alt: 283.60 Km

Epoch rev: 113 Perigee Alt: 264.34 Km

NOTE - This element set is based on NORAD element set # 025.

The spacecraft has been propagated to the next ascending node, and the orbit number has been adjusted to bring it into agreement with the NASA numbering convention.

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group

/EX

Date: 26 Oct 93 21:42:50 GMT
From: news.service.uci.edu!paris.ics.uci.edu!ucivax!gateway@network.ucsd.edu
Subject: Ten Tec PTO mechanics
To: info-hams@ucsd.edu

Anyone out there have experience with the Ten Tec PTO assemblies? I have a Corsair (and an OMNI) using the PTO and one has a frequency "twitch" when I tune around, it seems mechanically induced in the PTO. It is slight, and the signals just seem to "warble" a bit as I tune.

I know that there are rebuild kits from Ten Tec (and they are pretty cheap?), but any tips on the assembly or adjustment? The vernier is so very smooth - I like it, and want the actual tuning to sound just as smooth.

Clark

.....
Clark Savage Turner, Graduate Student Researcher
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 856 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

Date: 26 Oct 93 19:47:36 GMT
From: sdd.hp.com!col.hp.com!srngenprp!alanb@hplabs.hpl.hp.com
Subject: VSWR Conversion chart
To: info-hams@ucsd.edu

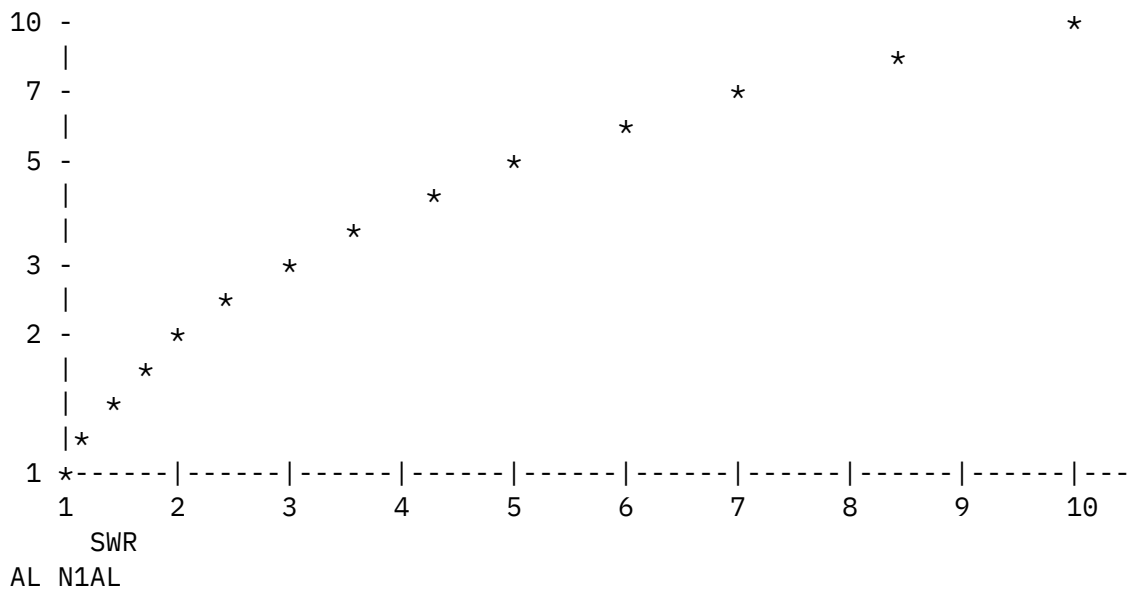
Dana Myers (myers@sunspot.West.Sun.COM) wrote:

: For export, you need to recalibrate the Bird wattmeters to read
: in voltage watts, not current watts.

For the convenience of the Internet community, I have compiled the following conversion chart from SWR to VSWR:

VSWR

|



Date: Tue, 26 Oct 1993 15:21:41 GMT
 From: overload.lbl.gov!agate!howland.reston.ans.net!usc!elroy.jpl.nasa.gov!
 swrinde!cs.utexas.edu!TAMUTS.TAMU.EDU!bloom-beacon.mit.edu!grapevine.lcs.mit.edu!
 lynx!chaos.dac!wy1z@dog.ee.lbl.gov
 Subject: Where is thenet08.zip and tn210.zip?
 To: info-hams@ucsd.edu

If anyone can point me to any FTP or FSP site carrying these two programs,
 I'd be very happy.

Thanks much in advance.

Scott

--

```

=====
| Scott Ehrlich           Internet: wy1z@neu.edu           |
| Amateur Radio: wy1z      AX.25: wy1z@wa1phy.#ema.ma.usa.na |
|-----|
|           Know your weaknesses, show your strengths - Anonymous           |
=====
  
```

Date: 26 Oct 1993 15:17:19 GMT
 From: noc.near.net!jericho.mc.com!fugu!levine@uunet.uu.net
 Subject: Yaesu FT-990 Comments...
 To: info-hams@ucsd.edu

Without quoting your entire text, you mentioned that LSB was the only mode available for packet. Does this imply that there is no FSK input for any digital modes (RTTY, PACTOR etc...)

If so, this is amazing. I use a TS850 with FSK and my 500Hz cw filter for RTTY and can't imagine going back to LSB mode like I had to with the older TS440.

Terrible oversight if true. Is it true for all modern Yeasu rigs?

```
-----  
  ||  //  ||\\  //||  //\\  //\\  
  ||  //  ||  \\  //||  //  //  //  
  ||//  ||  \\  ||  //  //  //  
  ||\\  ||  ||  ||  \\  ===  \\  ===  
  ||  \\  ||  //  ||  \\  //  \\  //  
  ||  \\  ||  //  ||  \\//  \\//
```

-----FTAC

Bob Levine KD1GG 7J1AIS VK2GYN

levine@mc.com

(508) 256-1300 x247

kd1gg@walphy.ma

FAX (508) 256-3599

Date: Tue, 26 Oct 1993 21:11:33 GMT

From: swrinde!elroy.jpl.nasa.gov!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!
jholly@network.ucsd.edu

Subject: ZA1QA - Anyone Get a QSL??

To: info-hams@ucsd.edu

Steve Milewski (milewski@oregon.uoregon.edu) wrote:

: In article <1993Oct26.163738.20082@worldbank.org>, dearnshaw@worldbank.org

: (Darrell Earnshaw) wrote:

: >

: > Did anyone ever get a QSL from the Globex operation in Albania (ZA1QA, I think
: > was the call)? I worked these folks on 80 meters, and would love to get ZA
: > knocked off my wanted list. I've sent two requests to Globex (plus a number of
: > \$1 bills), but no response. Anybody got any ideas??

: >

: > -- 73 Darrell NR3Y

: >

: Come to think of it... I never received my card either. It's been quite
: awhile ago, too.

: There was a picture of the card in QST, if I'm not mistaken, about a year

: ago but I've never seen the genuine article.

: Steve/AA7FL

Well, at least your experience is in line with mind. I have heard of others that sent in \$'s and got nothing back...oh, well, some day I'll work a ZA that feels like returning a card when I send mine.

73, Jim, WA6SDM

Date: 26 Oct 93 13:08:17 CST

From: swrinde!menudo.uh.edu!jpunix!mwk!gleason@network.ucsd.edu

To: info-hams@ucsd.edu

References <4724@eram.esi.COM.AU>, <2agaqq\$1fv@bigboote.WPI.EDU>, <2ahec9INN6se@abyss.West.Sun.COM>

Subject : Re: Bird watt-meters can't be exported?

In article <2ahec9INN6se@abyss.West.Sun.COM>, myers@sunspot.West.Sun.COM (Dana Myers) writes:

> In article <2agaqq\$1fv@bigboote.WPI.EDU> gkd@wpi.WPI.EDU (Gregory K Doerschler) writes:

>>In article <4724@eram.esi.COM.AU> dave@esi.COM.AU (Dave Horsfall) writes:

>>>So, what's with the "Not available for export" notation across the

>>>photo of the Bird meter in the Barry ads? Too delicate? Upsets

>>>someone's monopoly? Munitions? Classified equipment?

>>

>>The meter would have to be recalibrated to read foreign watts.

>>

>>Greg

>

>

> Don't be silly. There is no such thing as foreign watts.

>

> For export, you need to recalibrate the Bird wattmeters to read

> in voltage watts, not current watts.

>

Don't be silly. There are two reasons. One is that they can't be sold anywhere they use 50Hz line power, since rigs that use this line power generate low frequency watts. The other problem is that they can't be used in the Southern hemisphere, since the Coriolis force of the earth's rotation causes RF generated down there to rotate in the opposite direction than the meter expects, so it tries to read backwards....

Glad I could clear up these technical issues...

Lee K. Gleason N5ZMR
Control-G Consultants
gleason@mwk.com

End of Info-Hams Digest V93 #1271
